

# VIEWMEDIC TF MONITORS



- Medically certified monitor
- Up to 24 inch with Full HD resolution
- Flat surface allows wipe-down disinfection
- Also available as a touchscreen version

 **rein medical**

We make your eHealth come alive

# THE TF MONITOR SERIES



24-inch TF monitor

## HIGH RESOLUTION – BRILLIANT COLOURS

» With a Full HD resolution of 1920 x 1080 and 16.7 million colours, the monitors deliver brilliant picture quality.

The 21.5-inch and 24-inch monitors have a true Full HD resolution of 1920 x 1080 pixels. And with the high contrast and good panel brightness, the screens fulfil all technical requirements to ensure perfect picture and data reproduction.

## DICOM PRESET FOR OPTIMISED VIEWING

» With correction of the tone value according to DICOM, the TF monitors adjust the display of greyscale images to the vision of the human eye. This way, all details become visible.

The human eye cannot perceive all greyscales. Using the DICOM presets, a TP monitor can display images in such a way that even the finest details (for example, X-ray image details) become visible.

## TESTED AND CERTIFIED

» Extensive tests ensure greater safety for operators.

We submit our products to independent laboratories for testing in accordance with all required safety tests and we would be happy to supply documentation of this at any time.

Our stringent tests guarantee a high level of safety and fully comply with the international standards IEC 60601-1 and IEC 60601-1-2.



Side view of the VM-TF124T

## LARGE, FLAT, VERSATILE

» The TF series of medical monitors offers flexibility and a high level of reliability.

The monitors in the TF series are ideal for everyday use in hospitals, doctor's surgeries and operating rooms. With front IP54 protection, these screens put their strengths to work wherever hygiene is of the utmost importance. The HD resolution, brilliant colour reproduction and optional touch panel make these monitors suitable for many areas of application, including for example:

- Endoscopy
- Patient administration
- Control and monitoring in the operating room
- Doctor's surgery
- Dental applications

## SAFE AND CLEAN

» The completely planar surface of the TF monitors allows wipe-down disinfection, thereby increasing safety in the medical environment.

The front of the screens has an IP54 protection rating, while the housing offers IPX2 protection. This means that the devices can be cleaned by wiping down with disinfectant. The panel has no controls on the front, making cleaning easier.

# OPTIONS AND CONNECTIONS

## TOUCHSCREEN VERSION AVAILABLE

» The optional, crystal-clear touchscreen can be used with gloves and also understands two finger gestures.

The 21.5-inch and 24-inch monitors are also available as touchscreen versions. The touchscreen is crystal clear – almost invisible. A touchscreen enables you to operate the computer with your fingertips: Even the two finger gestures associated with tablets and smartphones are possible insofar as the operating system 'understands' such gestures (for example, Windows 8 or Mac OS X Lion). The monitor also responds to input performed with gloves.

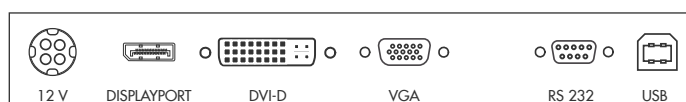
## VERSATILE CONNECTIVITY

» The displays in the TF series offer several input ports and thus allow different types of connections.

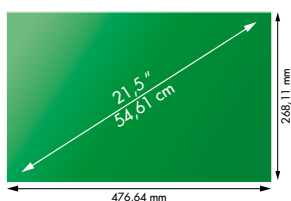
The TF monitors come with the following connection ports:

- DisplayPort
- DVI-D
- VGA

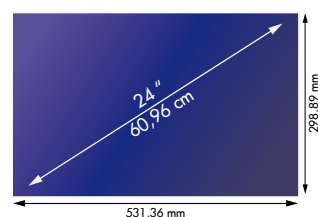
The touchscreen monitors also have an RS232 port and a USB port.



The inputs and outputs of the TF touch monitors



VM-TF122  
VM-TF122T



VM-TF124  
VM-TF124T

Display specifications		
Display size	21.5 inch (54.61 cm) colour display	24 inch (60.96 cm) colour display
Viewable area	476.6 x 281.1 mm	534.36 x 298.98 mm
Dot pitch	0.248 mm	0.26775 mm
Viewing angle	178°/178°	
Max. panel brightness	300 cd/m²	
Contrast	5000:1	3000:1
Response time	16 ms	25 ms
Displayable colours	16.7 million colours	
Resolution	1920 x 1080 Full HD	
Signal inputs	DVI-D, DisplayPort, VGA	
General device data		
Power supply:	External power supply: input power AC 100–120	
Power consumption	30 W	40 W
Environmental conditions during operation	Temperature +10°C to +40°C/humidity	
Dimensions without base (WxHxD)	537,37 x 328,87 x 59 mm	582,07 x 350,07 x 62,5 mm
Weight without base	5,9 kg	7,4 kg
Weight with base	8,9 kg	9,7 kg
VESA mounting	100 mm	
Safety tests	IEC 60601-1:2005, IEC 60601-1-2:2007 +	
Protection class	Front IP54, housing class: IPX2	
Options	All versions are available with PCT (Projective Capacitive Touch) Dual Touch. Optional base available.	

# ALWAYS ON OUR MIND CUSTOMER AND MARKETS

» Europe has always been the core market of Rein Medical.

The family business, with headquarters in the west of Germany, combines all the product strategy organisational units under one roof.

Our sales and service teams in Germany, Spain and Switzerland allow us to focus on our customers and ensure customer satisfaction.

Long term cooperation with our customers is our top priority.

 **MADE**  
 **IN**  
 **GERMANY**



South America

Madrid

North Africa

Sirnach

Mönchengladbach

Near and Middle East

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We make your eHealth come alive

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